



Service Manual

Microwave oven AVM 360 WH

Model Version	AVM 360 WH 8538 360 53291	Page
	Introduction safety	2
	Technical data	3
	Spare part list	4
	Exploded view	5
	Wiring diagram	6

Introduction safety

INTRODUCTION

Before leaving the factory each oven is carefully checked.
It must, however, be installed and used correctly.

Despite all the steps taken to make the oven safe, the safety is dependent on the correct installation and the fact the user understands how to use and maintain the oven.

The information in this section should be used as a reminder that the oven is safe and that anyone who uses it must first read the instructions for use in order to be able to use the oven correctly and obtain best results.

SAFETY

To avoid injury to yourself and damage to the appliance always work to the following rules when servicing an oven.

Always disconnect the plug from the mains before starting work.

If there is no plug switch off the electric supply at the control box.

When you have finished servicing an oven before you reconnect it to the mains, make sure that:

- all the internal connections are correct
 - the wires are insulated and not touching the door or the cabinet or anything sharp
 - all the earth connections are electrically and mechanically sound
 - do not modify or anyway interfere with the safety devices built-in to the oven
- make sure that each replacement part you use conforms to the manufacturer's specifications

Do not start a repair if you have any doubt as to your ability to complete it.

CAUTION - MICROWAVE RADIATION

PERSONNEL SHOULD NOT BE EXPOSED TO THE MICROWAVE ENERGY WHICH MAY RADIATE FROM THE MAGNETRON, WAVEGUIDE OR ANTENNA IF THEY ARE IMPROPERLY USED OR CONNECTED. ALL INPUT AND OUTPUT MICROWAVE CONNECTIONS, WAVEGUIDES, FLANGES AND GASKETS MUST BE SECURE. NEVER OPERATE THE DEVICE WITHOUT A MICROWAVE ENERGY ABSORBING LOAD ATTACHED. NEVER LOOK INTO AN OPEN WAVEGUIDE OR ANTENNA WHILE THE DEVICE IS ENERGIZED. NEVER OPERATE AN OVEN WITH CABINET OFF WITHOUT MEASURING THE MICROWAVE LEAKAGE AROUND MAGNETRON AND VISIBLE MICROWAVE CONNECTIONS (WELDING JOINTS).

Do not operate the oven if the following conditions exist:

- the door does not close firmly against the door support because of the door being warped or the hinges damaged.
- The door trims or seals are damaged.
- If there is any visible damage to the oven.
- if the door does not close properly.

Avoid operating the oven if known components in the interlock system, oven door or microwave generating assembly are known defective. They must be replaced.

WARNING - HIGH VOLTAGE

IT IS POSSIBLE TO COME IN CONTACT WITH LETHAL HIGH VOLTAGE WHEN WORKING WITH HV TRANSFORMER, HV CAPACITOR AND MAGNETRON. THEREFORE NEVER TRY TO MEASURE THE HIGH VOLTAGE. ALWAYS TAKE UTMOST CARE WHEN PERFORMING ELECTRIC MEASUREMENTS INSIDE THE OVEN.

Technical data**Cabinet dimensions**

Height	332	mm
Width	548	mm
Depth	468	mm

Cavity dimensions

Height	225	mm
Width	346	mm
Depth	341	mm
Volume	26.55	l
Turntable diameter	320	mm

Weight

Net	25	kg
Packed	28	kg

Electrical details

Voltage	240/50	V/Hz
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Power consumption

MWO	1700	W
Grill	1200	W
FC	1600	W
Grill + MW	2800	W
FC + MW	3300	W

Current consumption

MWO	7,5	A
Grill	5,0	A
FC	6,8	A
Grill+MW	11,8	A
Grill+MW (CH+DK) max.	10,0	A
FC+MW	13,8	A
FC+MW (CH+DK) max.	10,0	A
Output power microwave	1000	W

Power limitation combi cooking

Combi MW+GR	650 / 1100	W
Combi MW+GR (CH+DK)	650 / 1000	W
Combi MW+FA	650 / 1500	W
Combi MW+ FA (GB)	650 / 1400	W
Combi MW+FA (CH+DK)	350 / 1500	W
Microwave frequency	2450	MHz
Quarzgrill	1100	W
Timer	90	min. elec.

Accessories

Built-in kit	optional
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Spare part list

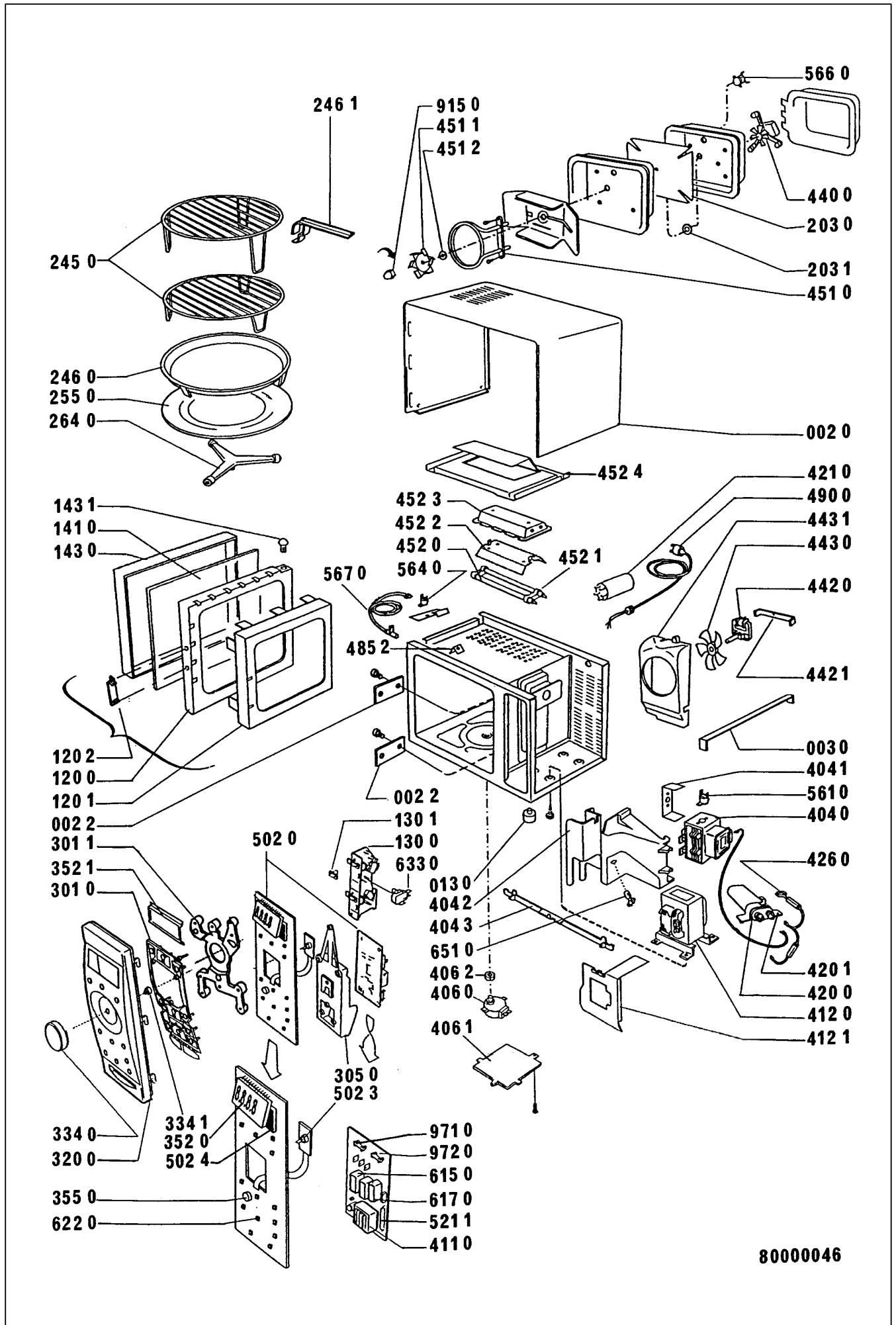
Model
Service No.
Version

AVM 360 WH
853836053291
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Pos. No.	12NC Code	Description
002 0	4819 440 59112	Cabinet WH
002 2	4819 442 38056	Cover plate upper
002 2	4819 442 38057	Cover plate lower
003 0	4819 404 78252	Rod, shelf
013 0	4819 462 79423	Foot
120 0	4819 466 89181	Door,inner
120 1	4819 459 48683	Door frame inner
120 2	4819 404 78429	Lock plate
130 0	4819 276 18194	Unit,pushbutton
130 1	4819 466 88919	Bracket
141 0	4819 450 69828	Oven glass WH
143 0	4819 459 48674	Door frame outer WH
143 1	4819 535 98394	Pin
203 0	4819 466 98898	Insulation FC combi
203 1	4819 532 68722	Ring,sealing for motor
245 0	4819 458 19802	Stand metal high
245 0	4819 458 19857	Stand lower optional
246 0	4819 466 88922	Crisp plate
246 1	4819 498 69875	Grip crispplate
255 0	4819 466 78186	Turntable sheet-rotary plate
264 0	4819 535 78142	Crosspiece
301 0	4819 276 38327	Unit,pushbutton WH
301 1	4819 462 38751	Frame for switch,
305 0	4819 404 78937	Holder
320 0	4819 453 58168	Control panel WH
334 0	4819 412 58404	Knob WH
334 1	4819 413 38126	Clip Knob inner
352 0	4819 130 38072	Display
352 1	4819 450 69808	Pane for Display
355 0	4819 280 18019	Buzzer
404 0	4819 131 58019	Magnetron
404 1	4819 404 78765	Bracket
404 2	4819 462 38758	Air guide
404 3	4819 462 38616	Air guide
406 0	4819 361 18292	Motor for rotary plate
406 1	4819 466 88918	Cover for motor
406 2	4819 532 68686	Gasket ring
411 0	4819 148 68076	Transformer
412 0	4819 145 78187	Transformer,HT
412 1	4819 462 38755	Air guide
420 0	4819 121 48021	Capacitor,HT
420 1	4819 492 68642	Clamp capacitor
421 0	4819 121 18162	Filter,mains
426 0	4819 218 38039	Diode HV
440 0	4819 361 18356	Motor hot air
442 0	4819 361 18291	Motor blower
442 1	4819 404 78251	Bracket
443 0	4819 515 28197	Fan
443 1	4819 462 38614	Air guide
451 0	4819 259 28888	Tube,heating
451 1	4819 515 28223	Fan wheel FC
451 2	4819 532 28256	Washer for motor
452 0	4819 259 98386	Tube,heating IR
452 1	4819 404 78858	Holder
452 2	4819 380 28015	Reflector quarts tube

Pos. No.	12NC Code	Description
452 3	4819 404 78857	Holder reflector
452 4	4819 466 89185	Guard
485 2	4819 466 98742	Guide cable
490 0	4819 321 18242	Cable,mains
502 0	4819 214 78581	Control unit
502 3	4819 101 48142	Potentiometer
502 4	4819 209 88057	Microprocessor
521 1	4819 113 88001	Resistor 100 Ohm
561 0	4819 282 48216	Thermostat magnetron
564 0	4819 282 48249	Thermostat 165 C
566 0	4819 282 48281	Thermostat 125 C
567 0	4819 210 78081	Sensor temp.
615 0	4819 280 68323	Relay 24V
617 0	4819 280 68319	Relay
622 0	4819 276 18273	Switch
633 0	4819 271 38156	Microswitch 10 A
651 0	4819 134 28029	Lamp cavity 240V - 25W
915 0	4819 505 18313	Nut fan
971 0	4819 253 38019	Fuse T8 A
972 0	4819 253 38006	Fuse T100mA

Exploded view



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